

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
31 March 2005 (31.03.2005)

PCT

(10) International Publication Number  
**WO 2005/028653 A1**

- (51) International Patent Classification<sup>7</sup>: C12N 15/63, 1/21, 5/10, C07K 16/40
- (21) International Application Number:  
PCT/EP2004/010604
- (22) International Filing Date:  
22 September 2004 (22.09.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
103 44 204.9 22 September 2003 (22.09.2003) DE
- (71) Applicant (for all designated States except US): BIOSPE-  
CIFIC GMBH & CO. KG [DE/DE]; Goltzstr. 52, 10781  
Berlin (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SHERIFF, Ahmed  
[DE/DE]; Sächsische Str. 35, 10713 Berlin (DE). VOGT,  
Birgit [DE/DE]; Antwerpener Str. 49, 13353 Berlin (DE).
- (74) Agents: MEYERS, Hans-Wilhelm et al.; Postfach 10 22  
41, 50462 Köln (DE).
- (81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.
- (84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR NEUTRALIZING EFFECTS OF SECRETED PLA2 IIA

(57) Abstract: A compound comprising at least a structural entity which binds secretory phospholipase A2 IIA (sPLA2 IIA) or parts of it and more preferably human sPLA2 IIA and which a.) blocks at least one or more sPLA2 IIA function on cell surfaces or in a solution, preferably blood or other body fluids or from tissues, most preferably in vivo, b.) and/or depletes sPLA2 IIA from a solution, preferably blood or other body fluids or from tissues, most preferably in vivo.

WO 2005/028653 A1